Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 04 Oct 2022 until 23:59 on Wednesday 05 Oct 2022

Forecast Issued on Monday 03 Oct 2022 at 16:11

Confidence: High for general developments. Medium for cloud details.

Headline for Tuesday 04 Oct 2022: Cloudy and windy with outbreaks of rain.

Mountain weather hazards on Tuesday 04 Oct 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain	Light rain	Heavy Rain	Heavy Rain	Drizzle
Precipitation probability							
<05%	<05%	10%	60%	80%	50%	50%	70%

Forecast for Tuesday 04 Oct 2022

Weather: Mainly dry overnight with cloud thickening and lowering, patchy rain developing around dawn. Cloudy and overcast for much of daylight hours with outbreaks of rain, occasionally heavy.

Chance of cloud-free hill tops above 600m: 70% falling 30% in the afternoon.

Low cloud and visibility: Extensive cloud, base 600m, lowering 300m at times. Visibility moderate or poor in rain, occasionally very poor over the higher tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 04 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/33 SW	26/35 SW	24/34 SW	25/34 SW	24/33 SW	23/32 SW	21/30 SW	21/31 S	26/37 S
300	16/24 SW	16/26 SW	16/25 SW	19/29 SW	19/29 SW	17/28 SW	16/26 SW	15/26 S	19/30 S
Valley	9/23 SW	10/25 SW	10/24 S	12/26 S	12/26 SW	12/25 SW	11/24 SW	11/24 S	13/29 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/6	10/6	11/7	12/8	12/8	12/8	12/8	12/8
300	12/10	12/9	12/9	13/10	14/11	14/11	14/11	14/11	14/11
Valley	13/11	12/11	12/11	14/12	14/12	14/13	14/13	14/12	14/12
Freezing Level*	2800m	2800m	2800m	2800m	3200m	3000m	2900m	3000m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor afternoon expected, but uncertainty about how heavy and persistent the rain will be.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 03 Oct 2022	0.2mm	1.8mm	11.2mm

Forecast for Wednesday 05 Oct 2022

Weather: Heavy overnight rain and gales. This clearing to bright spells and scattered bluster showers during the morning, these possibly heavy. Gales continuing with buffeting and significant wind chill.

Maximum wind: South or Southwest 40mph, gusts 60mph at first, easing slightly during the day, gusts typically around 50mph in showers during the afternoon. Some buffeting and significant wind chill.

Chance of cloud-free hill tops above 600m: 20% becoming 90% by afternoon.

Low cloud and visibility: Extensive, base 300 to 600m, lifting and breaking above the summits by midday. Lowering in showers. Visibility moderate or poor, and very poor at height, becoming mostly very good in the afternoon, except in showers.

Temperature: **Valleys:** Plus 10 Celsius rising to 16 Celsius
At 600m: Plus 11 Celsius, falling to 6 Celsius later
Freezing level: Above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.